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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/466,650	12/20/1999	ROBERT EVERETT PARKHILL	0500.9907201	1437
23418	7590	10/11/2006	EXAMINER	
VEDDER PRICE KAUFMAN & KAMMHOLZ 222 N. LASALLE STREET CHICAGO, IL 60601			WOOD, WILLIAM H	
			ART UNIT	PAPER NUMBER
			2193	

DATE MAILED: 10/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/466,650	Applicant(s) PARKHILL, ROBERT EVERETT	
	Examiner William H. Wood	Art Unit 2193	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 July 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-13,15-23 and 25-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-13,15-23 and 25-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claims 1, 3-13, 15-23 and 25-28 are pending and have been examined.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 4-9 and 11-15, 17-20, 22-23 and 26-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Cheng** et al. (EP 0 811 942 A2) in view of **Venkatesan** et al. (USPN 6,209,093) in further view of **Thawte's** "Web Server Certificates: 3.x Root Rollover".

Claim 1

Cheng disclosed a method for updating data for a first processing entity, for detection by at least a second processing entity comprising the steps of:

detecting a need to update data for the first processing entity, based on a communication with the second processing entity (*page 3, lines 14-48*);
automatically redirecting, communication from the first processing entity and the second processing entity, to the first processing entity and the

third processing entity, under control of the second processing entity, in response to detecting the need to update data (*page 3, lines 14-48*); providing updated data for the first processing entity, by the third processing entity (*page 3, lines 14-48*)

Cheng did not explicitly state *providing update complete data which is different from the updated data, under control of the third processing entity, for the second processing entity*. **Venkatesan** demonstrated that it was known at the time of invention to provide from a vender, third entity, update complete data for a second entity, vender related service provider (column 14, line 48 to column 15, line 15; note cookie communication of successfully updated/installed software). It would have been obvious to one of ordinary skill in the art at the time of invention to implement the multi-party installation system of **Cheng** with authentic update status communication between entities as found in **Venkatesan**'s teaching. This implementation would have been obvious because one of ordinary skill in the art would be motivated to provide secure communication about the validity of update/installations (**Venkatesan**: column 14, lines 63-65). Further note, service provider database as extension of the vender (**Cheng**: page 3, lines 18-19).

Venkatesan and **Cheng** did not explicitly teach update root CA certificate data. **Thawte** demonstrated that it was known at the time of invention to publish notices and require update of web browsers based upon root certificates (first

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page, first paragraph; and first page, fifth bulleted item under "Netscape Navigator 3.x"). It would have been obvious to one of ordinary skill in the art at the time of invention to implement the system of **Cheng** with updating browsers and certificates as new certificates become available as found in **Thawte's** teaching. This implementation would have been obvious because one of ordinary skill in the art would be motivated to update software as updates become available (**Cheng**: page 13, lines 4-5) in order to ensure correct security operations (**Thawte**: first page, first paragraph).

Claim 4

Cheng, Venkatesan and **Thawte** disclosed the method of claim 1 wherein the step of providing update complete data includes providing the update complete data for the second processing entity, by way of the first processing entity (**Venkatesan**: column 14, lines 53-56).

Claim 5

Cheng, Venkatesan and **Thawte** disclosed the method of claim 1 wherein the step of providing update complete data includes providing the update complete data to the second processing entity (**Venkatesan**: column 14, lines 53-56; **Cheng**: page 3, lines 18-19).

Claim 6

Cheng, Venkatesan and **Thawte** disclosed the method of claim 1 wherein the step of detecting a need to update data includes the step of determining whether a connection request between the first processing entity and the second processing entity includes a cookie associated with the second processing entity (**Venkatesan**: column 14, lines 53-56).

Claim 7

Cheng, Venkatesan and **Thawte** disclosed the method of claim 1, wherein the data includes certificate data (**Thawte**: first page, fifth bulleted item under "Netscape Navigator 3.x"; **Venkatesan**: column 14, lines 52-53) and wherein the method also includes determining whether a certificate update should occur for the first processing entity based on whether cookies have been received by the first processing entity from the second and third processing entities (**Cheng**: page 3, lines 14-48; page 17, lines 20-30 and 49-55; **Venkatesan**: column 14, lines 54-56 and column 15, lines 7-15).

Claim 8

Cheng, Venkatesan and **Thawte** disclosed the method of claim 1 further including the step of automatically redirecting communication from the first processing entity and the third processing entity to the first processing entity and the second processing entity based on update confirmation data (**Cheng**: page 3, lines 14-48).

Claim 9

Cheng, Venkatesan and **Thawte** disclosed the method of claim 1 wherein the step of automatically redirecting communication from the first processing entity further includes the step of sending, by the second processing entity, a uniform resource locator of the third processing entity, to the first processing entity in response to the second processing entity detecting the need to update data for the first processing entity (**Cheng**: page 3, lines 23-25).

Claim 11

Cheng, Venkatesan and **Thawte** disclosed the method of claim 1 wherein the step of providing update complete data under control of the third processing entity includes sending a redirect command back to the first processing entity, by the third processing entity, to direct the update complete data to be sent by the first processing entity to the second processing entity, and wherein the method further includes the step of sending, in response to the update complete data, a cookie from the second processing entity to the first processing entity to confirm acceptance of the update (**Cheng**: page 3, lines 14-48; page 17, lines 20-30 and 49-55; **Venkatesan**: column 14, lines 54-56 and column 15, lines 7-15).

Claims 12-15, 17-20, 22-23 and 26-27

The limitations of claims 12-15, 17-20, 22-23 and 26-27 correspond to claims 1, 4-9 and 11 and as such are rejected in the same manner. Note web (browsers and servers) based protocol for the update system applications described by **Cheng** (page 17, lines 3-5, HTTP)

Claim 28

The limitations of claim 28 correspond to the limitations of claims 1, 9 and 23 and as such are rejected in the same manner by **Cheng, Venkatesan** and **Thawte**.

3. Claims 3, 10, 16, 21 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Cheng** et al. (EP 0 811 942 A2) in view of **Venkatesan** et al. (USPN 6,209,093) in further view of **Thawte**'s "Web Server Certificates: 3.x Root Rollover" and in further view of Netscape's "**SmartUpdate** Developer's Guide".

Claim 3

Cheng and **Venkatesan** did not explicitly state the method of claim 1 including the step of providing update confirmation data from the first processing entity to the third processing entity. **SmartUpdate** demonstrated that it was known at the time of invention to provide a confirmation of update (chapter 4, section

“Finalize or Abort the Installation”, page 6). It would have been obvious to one of ordinary skill in the art at the time of invention to implement the multi-part update system of **Cheng** with update confirmation to the vendor as found in **SmartUpdate**’s teaching. This implementation would have been obvious because one of ordinary skill in the art would be motivated to verify an installation for an accurate cookie to be sent, instead of the case of abort (chapter 4, section “Finalize or Abort the Installation”, page 6).

Claim 10

Cheng and **Venkatesan** did not explicitly state the method of claim 9 including the steps of:

sending, by the third processing entity, update instructions to the first processing entity and a request for confirmation of completion of an update.

sending, by the first processing entity, update confirmation data to the third processing entity in response to receiving the request for confirmation of completion of an update.

SmartUpdate demonstrated that it was known at the time of invention to provide a confirmation of update (chapter 4, section “Finalize or Abort the Installation”, page 6). It would have been obvious to one of ordinary skill in the art at the time of invention to implement the multi-part update system of **Cheng** with update confirmation to the vendor as found in **SmartUpdate**’s

teaching. This implementation would have been obvious because one of ordinary skill in the art would be motivated to verify an installation for an accurate cookie to be sent, instead of the case of abort (chapter 4, section "Finalize or Abort the Installation", page 6).

Claims 16, 21 and 25

The limitations of claims 16, 21 and 25 correspond to claims 3 and 10 and as such are rejected in the same manner.

Response to Arguments

4. Applicant's arguments filed 10 July 2006 have been fully considered but they are not persuasive. Applicant argues: claim 28 not properly rejected; **Cheng** does not disclose detecting a need to update data such as the claimed CA certificate with a second processing entity; and **Thawte** does not disclose updated root CA certificate data for a processing entity by a third processing entity. These arguments are not persuasive.

First, claim 28 is properly rejected as previously indicated. Claim 28 simply uses specific terminology such as "web browser", whereas claim 1 uses more general terminology such as "processing entity".

As to the second and third issues raised by Applicant, the references are to be considered in *combination*. **Cheng** was not cited as demonstrating a root

CA certificate. **Thawte** was cited and only cited for demonstrating root CA certificates (in claim 1).

Having addressed Applicant's concerns, the rejections are maintained as indicated.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Correspondence Information

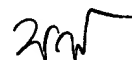
Any inquiry concerning this communication or earlier communications from the examiner should be directed to William H. Wood whose telephone number is (571)-272-3736. The examiner can normally be reached 9:00am - 5:30pm Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571)-272-3719. The fax phone numbers for the organization where this application or proceeding is assigned are (571)273-8300 for regular communications.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR systems, see <http://pair-direct.uspto.gov>. For questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-3900.



William H. Wood
Patent Examiner
AU 2193
October 2, 2006



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